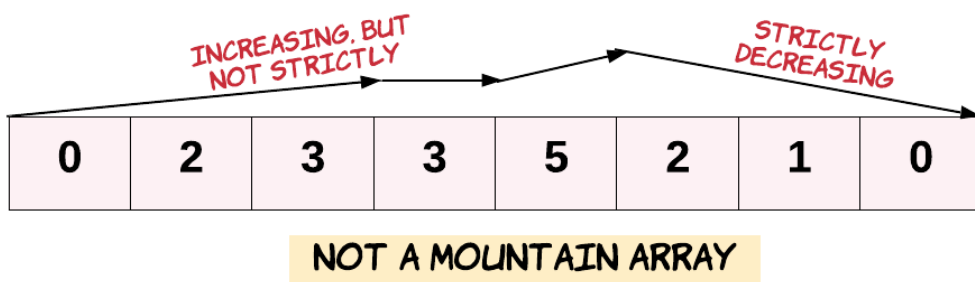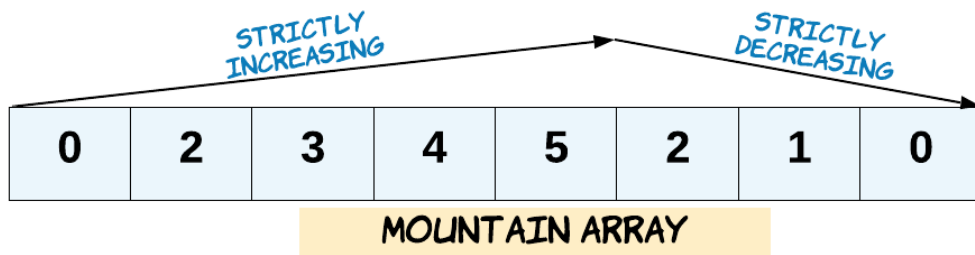# Valid Mountain Array (View)

Given an array of integers `arr`, return `true` *if and only if it is a valid mountain array*.

Recall that arr is a mountain array if and only if:

- `arr.length >= 3`
- There exists some `i` with `0 < i < arr.length - 1` such that:
  - `arr[0] < arr[1] < ... < arr[i - 1] < arr[i]`
  - `arr[i] > arr[i + 1] > ... > arr[arr.length - 1]`

MOUNTAIN ARRAY

NOT A MOUNTAIN ARRAY

Example 1:

Input: arr = [2,1]

Output: false

Example 2:

Input: arr = [3,5,5]

Output: false

Example 3:

Input: arr = [0,3,2,1]

Output: true

Constraints:

- $1 \le arr.length \le 10^4$
- $0 \le arr[i] \le 10^4$